



PROJECT FACT SHEET

PROJECT: DC Water Solar Photovoltaic Energy Project
ADDRESS: 5000 Overlook Avenue, SW; Washington, DC 20032
SUBMITTED BY: District of Columbia Water and Sewer Authority

DC Water owns and operates The Blue Plains Advanced Wastewater Treatment Plant (AWTP) located in Southwest Washington, DC. As an environmental steward, DC Water is actively pursuing ways to offset the AWTP's operating costs through the strategic implementation of green technologies such as photovoltaic energy at Blue Plains.

After reviewing a solar system installed at a wastewater treatment facility in New Jersey, DC Water pursued the feasibility of implementing a solar project at Blue Plains. The feasibility study concluded that Blue Plains could host a sizable solar power system offsetting approximately 8.2 megawatts (MW) which would significantly reduce grid demand during peak summer months by generating clean power on-site.

DC Water would also financially benefit from this project by potentially purchasing power at a lower price than current and future utility prices. The advantage of power produced onsite is that it offsets more expensive power purchased off the grid from the electric utility provider. All solar energy generated at Blue Plains would be consumed on-site by ATWP operations.

DC Water is in the process of selecting a team who will design, build, own, operate, and maintain the solar power system for 15 years. Four teams have been prequalified and proposers will present their plans for implementing the project that provides DC Water with the best value.

Construction on this project is expected to begin in February 2015 and be operational by 2016.